



*professional hand tools*



*nationwide availability through local distributors*

**CATALOG NO. 166**

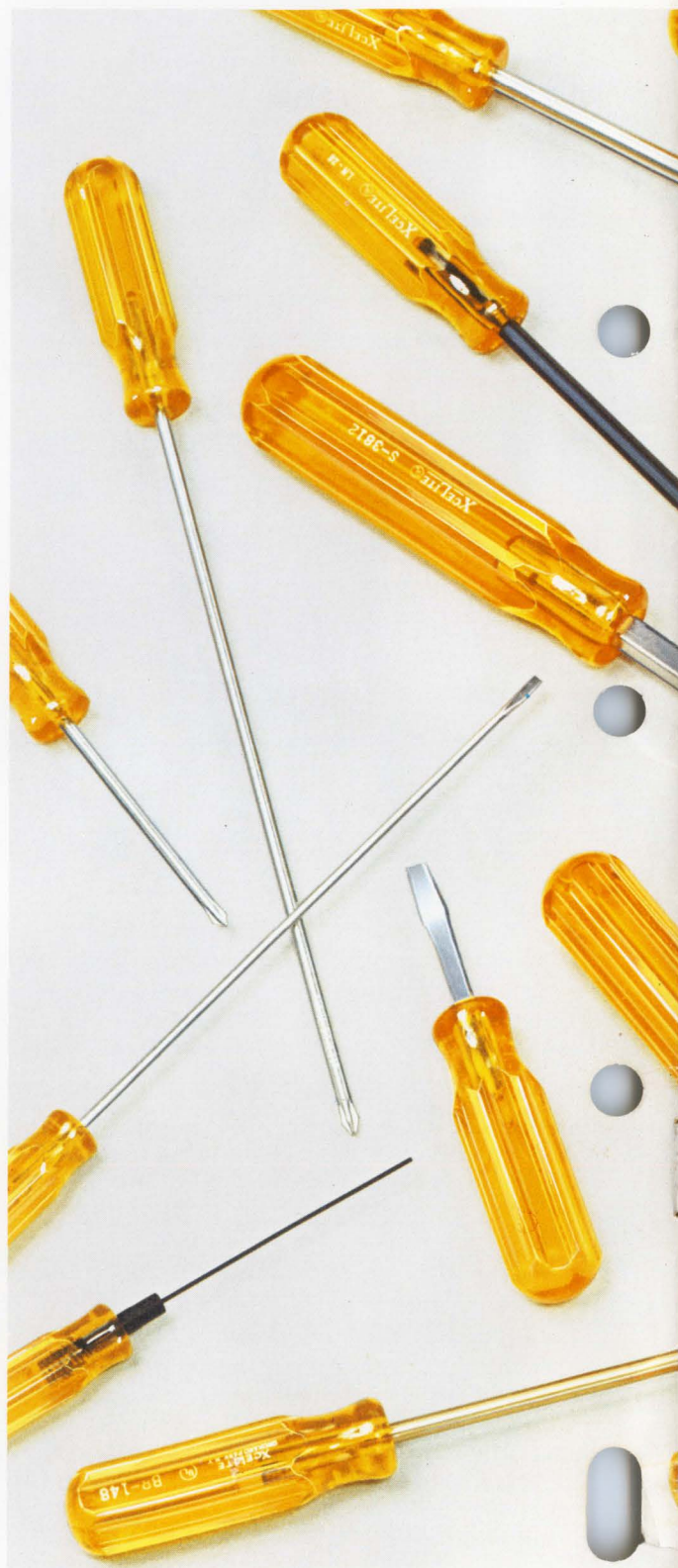


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## GUARANTEE

Built of the finest materials by craftsmen of long experience, all Xcelite tools are unreservedly guaranteed for one year against defects in materials and workmanship. Any tool which proves defective in either respect will be replaced without charge. Tool failure caused by abuse or mishandling is not covered by this guarantee.







## ***screwdrivers***

Forged from tough, AISI 6150 Chrome Vanadium Electric Furnace Steel, Xcelite screwdriver blades easily withstand heaviest usage without twisting or snapping.

Shockproof, breakproof, amber plastic (UL) handles are shaped for perfect grip and balance. Blades are securely embedded in handles. Round blades have wing ends that prevent turning or loosening.

### **insulated blades**

Fixed handle Xcelite screwdrivers can be furnished with blades which have been insulated by plastic dip-coating. They are recommended for work with electrified equipment where shorting might cause damage or hamper adjustments.

### **interchangeable and reversible blades**

In addition to fixed handle screwdrivers, Xcelite offers a variety of screwdriver blades which fit interchangeably in special handles. These blades are of both single end and double end (reversible) types. See pages 15 and 18.

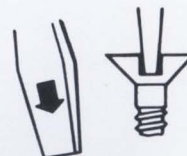
### **kits and sets**

Xcelite screwdrivers and screwdriver blades are available in a number of handy kits and sets, some of which contain other useful tools. See pages 12 thru 19.



# screwdrivers for slotted screws

Lengthwise, flat-belt grinding  
preserves Xcelite tip strength  
... assures snug fit in screw slot.

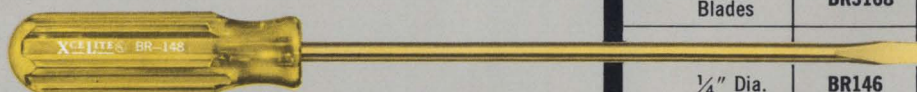


## ROUND BLADE

	CATALOG NO.	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
POCKET CLIP STYLE				
$\frac{3}{32}$ " Dia. Blades	R3322	2"	$\frac{1}{2}$ " x $2\frac{1}{4}$ "	$4\frac{1}{4}$ "
	R3323	3"	$\frac{1}{2}$ " x $2\frac{1}{4}$ "	$5\frac{1}{4}$ "
	R3324	4"	$\frac{1}{2}$ " x $2\frac{1}{4}$ "	$6\frac{1}{4}$ "
$\frac{1}{8}$ " Dia. Blades	R181	2"	$\frac{1}{2}$ " x $2\frac{1}{4}$ "	$4\frac{1}{4}$ "
	R183	3"	$\frac{1}{2}$ " x $2\frac{1}{4}$ "	$5\frac{1}{4}$ "
	R184 $\frac{1}{2}$	4"	$\frac{1}{2}$ " x $2\frac{1}{4}$ "	$6\frac{1}{4}$ "
REGULAR				
$\frac{1}{8}$ " Dia. Blades	R182	2"	$\frac{3}{4}$ " x $2\frac{5}{8}$ "	$4\frac{5}{8}$ "
	R184	4"	$\frac{3}{4}$ " x $2\frac{5}{8}$ "	$6\frac{5}{8}$ "
	R186	6"	$\frac{3}{4}$ " x $2\frac{5}{8}$ "	$8\frac{5}{8}$ "
	R188	8"	$\frac{3}{4}$ " x $2\frac{5}{8}$ "	$10\frac{5}{8}$ "
	R1810	10"	$\frac{3}{4}$ " x $2\frac{5}{8}$ "	$12\frac{5}{8}$ "
$\frac{5}{32}$ " Dia. Blades	R5323	3"	$\frac{3}{4}$ " x $2\frac{5}{8}$ "	$5\frac{5}{8}$ "
	R5324	4"	$\frac{3}{4}$ " x $2\frac{5}{8}$ "	$6\frac{5}{8}$ "
	R5325	5"	$\frac{3}{4}$ " x $2\frac{5}{8}$ "	$7\frac{5}{8}$ "
	R5328	8"	$\frac{3}{4}$ " x $2\frac{5}{8}$ "	$10\frac{5}{8}$ "
$\frac{3}{16}$ " Dia. Blades	R3163	3"	$\frac{7}{8}$ " x $3\frac{5}{8}$ "	$6\frac{5}{8}$ "
	R3164	4"	$\frac{7}{8}$ " x $3\frac{5}{8}$ "	$7\frac{5}{8}$ "
	R3166	6"	$\frac{7}{8}$ " x $3\frac{5}{8}$ "	$9\frac{5}{8}$ "
	R3168	8"	$\frac{7}{8}$ " x $3\frac{5}{8}$ "	$11\frac{5}{8}$ "
	R31610	10"	$\frac{7}{8}$ " x $3\frac{5}{8}$ "	$13\frac{5}{8}$ "
$\frac{1}{4}$ " Dia. Blades	R142	2"	1" x $3\frac{7}{8}$ "	$5\frac{7}{8}$ "
	R144	4"	1" x $3\frac{7}{8}$ "	$7\frac{7}{8}$ "
	R146	6"	1" x $3\frac{7}{8}$ "	$9\frac{7}{8}$ "
	R148	8"	1" x $3\frac{7}{8}$ "	$11\frac{7}{8}$ "
	R1410	10"	1" x $3\frac{7}{8}$ "	$13\frac{7}{8}$ "
$\frac{5}{16}$ " Dia. Blades	R5164	4"	$1\frac{1}{8}$ " x $4\frac{1}{8}$ "	$8\frac{1}{8}$ "
	R5166	6"	$1\frac{1}{8}$ " x $4\frac{1}{8}$ "	$10\frac{1}{8}$ "
	R5168	8"	$1\frac{1}{8}$ " x $4\frac{1}{8}$ "	$12\frac{1}{8}$ "
$\frac{3}{8}$ " Dia. Blades	R388	8"	$1\frac{3}{8}$ " x $4\frac{1}{2}$ "	$12\frac{1}{2}$ "

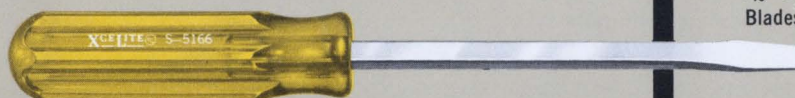


Non-sparking, non-magnetic beryllium-copper blades are nearly as hard as steel, have higher fatigue resistance. Recommended for work where explosion-proof equipment is used and in TV work (won't disturb TV image), electrical and electronic assembly and service work.



## ROUND BLADE NON-MAGNETIC

	CATALOG NO.	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
POCKET CLIP STYLE				
1/8" Dia. Blades	BR181	2"	1/2" x 2 1/4"	4 1/4"
REGULAR				
1/8" Dia. Blades	BR186 BR1810	6" 10"	3/4" x 2 5/8" 3/4" x 2 5/8"	8 5/8" 12 5/8"
3/16" Dia. Blades	BR3168	8"	7/8" x 3 5/8"	11 5/8"
1/4" Dia. Blades	BR146 BR148	6" 8"	1" x 3 7/8" 1" x 3 7/8"	9 7/8" 11 7/8"



## SQUARE BLADE

	CATALOG NO.	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
STUBBY				
3/16" Sq. Blades	S3161	1 1/4"	7/8" x 1 1/2"	2 3/4"
1/4" Sq. Blades	S141	1 1/4"	1 1/16" x 2"	3 1/4"
5/16" Sq. Blades	S5161	1 1/4"	1 1/16" x 2"	3 1/4"
REGULAR				
3/16" Sq. Blades	S3163 S3164 S3166 S3168 S31610	3" 4" 6" 8" 10"	7/8" x 3 5/8" 7/8" x 3 5/8" 7/8" x 3 5/8" 7/8" x 3 5/8" 7/8" x 3 5/8"	6 5/8" 7 5/8" 9 5/8" 11 5/8" 13 5/8"
1/4" Sq. Blades	S142 S144 S146 S148 S1424	2" 4" 6" 8" 24"	1" x 3 7/8" 1" x 3 7/8" 1" x 3 7/8" 1" x 3 7/8" 1" x 3 7/8"	5 7/8" 7 7/8" 9 7/8" 11 7/8" 27 7/8"
5/16" Sq. Blades	S5162 S5164 S5166 S5168 S51610 S51612	2" 4" 6" 8" 10" 12"	1 1/4" x 4 1/4" 1 1/4" x 4 1/4" 1 1/4" x 4 1/4" 1 1/4" x 4 1/4" 1 1/4" x 4 1/4" 1 1/4" x 4 1/4"	6 1/4" 8 1/4" 10 1/4" 12 1/4" 14 1/4" 16 1/4"
3/8" Sq. Blades	S388 S3812 S3818	8" 12" 18"	1 3/8" x 4 1/2" 1 3/8" x 5 7/8" 1 3/8" x 5 7/8"	12 1/2" 17 7/8" 23 7/8"
7/16" Sq. Blades	S7166 S71612 S71618	6" 12" 18"	1 3/8" x 5 7/8" 1 3/8" x 5 7/8" 1 3/8" x 5 7/8"	11 7/8" 17 7/8" 23 7/8"



# screwdrivers for recess head screws



## PHILLIPS TYPE

A complete selection to fit all Phillips screw sizes. Precision points.

CATALOG NO.	POINT SIZE	BLADE DIAMETER	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
POCKET CLIP STYLE					
P12S	0	$\frac{1}{8}$ "	2"	$\frac{1}{2}$ " x $2\frac{1}{4}$ "	$4\frac{1}{4}$ "
STUBBY					
SX101	1	$\frac{3}{16}$ "	$1\frac{1}{16}$ "	$\frac{7}{8}$ " x $1\frac{1}{2}$ "	$2\frac{15}{16}$ "
SX102	2	$\frac{1}{4}$ "	$1\frac{5}{16}$ "	$1\frac{1}{16}$ " x 2"	$3\frac{5}{16}$ "
REGULAR					
X100	0	$\frac{1}{8}$ "	2"	$\frac{3}{4}$ " x $2\frac{1}{2}$ "	$4\frac{1}{2}$ "
X101	1	$\frac{3}{16}$ "	3"	$\frac{7}{8}$ " x $3\frac{5}{8}$ "	$6\frac{5}{8}$ "
X108	1	$\frac{3}{16}$ "	6"	$\frac{7}{8}$ " x $3\frac{5}{8}$ "	$9\frac{5}{8}$ "
X102	2	$\frac{1}{4}$ "	4"	1" x $3\frac{7}{8}$ "	$7\frac{7}{8}$ "
X103	3	$\frac{5}{16}$ "	6"	$1\frac{1}{16}$ " x $4\frac{1}{4}$ "	$10\frac{1}{4}$ "
X104	4	$\frac{3}{8}$ "	8"	$1\frac{3}{8}$ " x $4\frac{1}{2}$ "	$12\frac{1}{2}$ "
EXTRA LONG					
X1010	1	$\frac{3}{16}$ "	10"	$\frac{7}{8}$ " x $3\frac{5}{8}$ "	$13\frac{5}{8}$ "
X1020	2	$\frac{1}{4}$ "	10"	1" x $3\frac{7}{8}$ "	$13\frac{7}{8}$ "

selector  
chart

POINT SIZE	BLADE DIA.	WOOD SCREW		MACHINE SCREW		SHEET METAL	
		FLAT OVAL	ROUND	FLAT OVAL BINDING	ROUND FILLISTER	TRUSS BRAZIER BUTTON	FLAT, ROUND OVAL, STOVE BINDING
0	$\frac{1}{8}$ "	0, 1	0, 1	0, 1	0, 1		
1	$\frac{3}{16}$ "	2, 3, 4	2, 3, 4	2, 3, 4	2, 3, 4	2, 3, 4, 5	2, 3, 4
2	$\frac{1}{4}$ "	5, 6, 7, 8, 9	5, 6, 7, 8, 9, 10	5, 6, 8, 10	5, 6, 8, 10	6, 8, 10	5, 6, 7, 8, 10
3	$\frac{5}{16}$ "	10, 12, 14, 16	12, 14, 16	12, $\frac{1}{4}$ "	12, $\frac{1}{4}$ "	12, $\frac{1}{4}$ "	12, 14
4	$\frac{3}{8}$ "	18, 20, 24	18, 20, 24	$\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ "	$\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ "	$\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ "	

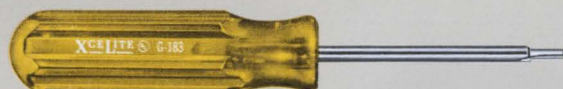


## FREARSON (Reed and Prince) TYPE

Frearson screws require a different screwdriver from other cross slot screws. For best results the screwdriver should be matched to the screw size. Xcelite offers Frearson screwdrivers in the four most-used sizes.

CATALOG NO.	BLADE DIAMETER	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
RP101	$\frac{3}{16}$ "	3"	$\frac{7}{8}$ " x $3\frac{5}{8}$ "	$6\frac{5}{8}$ "
RP102	$\frac{1}{4}$ "	4"	1" x $3\frac{7}{8}$ "	$7\frac{7}{8}$ "
RP103	$\frac{5}{16}$ "	6"	$1\frac{1}{16}$ " x $4\frac{1}{4}$ "	$10\frac{1}{4}$ "
RP104	$\frac{3}{8}$ "	8"	$1\frac{3}{8}$ " x $4\frac{1}{2}$ "	$12\frac{1}{2}$ "





selector  
chart



## ALLEN HEX TYPE

Large selection to fit popular sizes.

CATALOG NO.	HEX SIZE	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
LN-20	.050"	4"	3/4" x 2 5/8"	6 5/8"
LN-21	1/16"	4"	3/4" x 2 5/8"	6 5/8"
LN-22	5/64"	4"	3/4" x 2 5/8"	6 5/8"
LN-23	3/32"	4"	1" x 3 1/8"	7 1/8"
LN-764	7/64"	4"	1" x 3 1/8"	7 1/8"
LN-24	1/8"	4"	1" x 3 1/8"	7 1/8"
LN-964	9/64"	4"	1" x 3 1/8"	7 1/8"
LN-25	5/32"	6"	1" x 3 1/8"	9 1/8"
LN-26	3/16"	6"	1" x 3 7/8"	9 7/8"
LN-27	7/32"	6"	1" x 3 7/8"	9 7/8"
LN-28	1/4"	6"	1" x 3 7/8"	9 7/8"

LN-11 Complete set of above in roll-up, plastic-coated, canvas case.

## CLUTCH HEAD TYPE

Furnished in the Type "G" design for ease of operation and positive driving action in general service work.

CATALOG NO.	TIP SIZE	BLADE DIAMETER	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
G3324	3/32"	1/8"	4"	1/2" x 2 1/4"	6 1/4"
G183	1/8"	3/16"	3"	7/8" x 3 5/8"	6 5/8"
G5324	5/32"	3/16"	4"	7/8" x 3 5/8"	7 5/8"
G3164	3/16"	1/4"	4"	1" x 3 7/8"	7 7/8"
G146	1/4"	9/32"	6"	1" x 3 7/8"	9 7/8"
G5166	5/16"	3/8"	6"	1 3/8" x 4 1/2"	10 1/2"

TIP SIZE	ROUND	BINDING	TRUSS	FLAT	OVAL	FILLISTER	HEXAGON
3/32"	2, 3	2, 3, 4	2, 3, 4	2, 3	2, 3	2, 3, 4	2, 3
1/8"	6	6	6	4	4	6	4, 6
5/32"	8, 10	8, 10	8	6, 8	6, 8	8, 10	8, 10
3/16"	12	12	10, 12	10	10	12	12
1/4"	14, 1/4"	14, 1/4"	14, 1/4"	12, 14, 1/4"	12, 14, 1/4"	14, 1/4"	14, 1/4"
5/16"	3/16", 3/8"	3/16", 3/8"	3/16", 3/8"	3/16"	3/16"	3/16", 3/8"	3/16", 3/8"

## SCRULOX TYPE

Scrulox® square recess screws, developed in Canada and used extensively there, are coming into increasing usage in the U. S. on appliances, radios, TV sets, electronic instruments, and many other products. They are often used for "tamper-proof" applications.

CATALOG NO.	HANDLE COLOR	SCREW SIZE (GAUGE)	BLADE LENGTH	HANDLE DIM.	OVERALL LENGTH
SL-00	Orange	1 & 2	3 1/2"	1" x 3 3/4"	7 1/4"
SL-0	Amber	3 & 4	3 1/2"	1" x 3 3/4"	7 1/4"
SL-1	Green	5, 6 & 7	3 1/2"	1" x 3 3/4"	7 1/4"
SL-2	Red	8, 9 & 10	3 1/2"	1" x 3 3/4"	7 1/4"
SL-3	Black	12 & 14	3 1/2"	1" x 3 3/4"	7 1/4"









## *color coded nutdrivers*

Xcelite nutdrivers feature steel shafts and precision, cold drawn, case-hardened sockets. Shockproof, breakproof, firm grip, plastic (UL) handles are color coded and marked with large, readable sizes for easy identification.

### **insulated blades**

Fixed handle Xcelite nutdrivers can be furnished with blades which have been insulated by plastic dip-coating. They are recommended for work with electrified equipment where shorting might cause damage or hamper adjustments.

### **interchangeable blades and hex socket handles**

In addition to fixed handle nutdrivers, Xcelite offers a variety of nutdriver blades which fit interchangeably in special handles. See page 15.

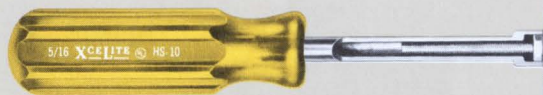
Hex sockets in handles for Combination Reversible tools also serve as nutdrivers. See pages 18 and 19.

### **kits and sets**

Xcelite nutdrivers and nutdriver blades are available in a number of handy kits and sets, some of which contain other useful tools. See pages 11 thru 15 and 17.



# nutdrivers



## External Hex Hollow Shaft Nutdriver

Primary use of this tool is for removing and installing nuts on balance control, off-on switch and volume control shafts of Arvin and Philco portable stereo sets. Prevents damage to face-plate. Shaft is high carbon steel. Black plastic (UL) handle is shockproof, breakproof.

CATALOG NO.	EXTERNAL HEX	DEPTH OF HOLE	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
PN-716	7/16"	6"	3 3/8"	1" x 3 1/8"	6 1/2"



## solid shaft

CATALOG NO.	COLOR CODE	HEX OPENING	BLADE LENGTH	DEPTH OF HOLE	HANDLE DIMS.	OVERALL LENGTH
MIDGET POCKET CLIP STYLE						
P3	Blue	3/16"	1 1/4"	1 1/4"	1/2" x 2 1/4"	3 1/2"
P4	Red	1/8"	1 1/4"	1 1/4"	1/2" x 2 1/4"	3 1/2"
P5	Amber	5/32"	1 1/4"	1 1/4"	1/2" x 2 1/4"	3 1/2"
P6	Black	3/16"	1 1/4"	1 1/4"	1/2" x 2 1/4"	3 1/2"
P7	Brown	1/8"	1 1/4"	1 1/4"	1/2" x 2 1/4"	3 1/2"
P8	Red	1/8"	1 1/4"	1 1/4"	1/2" x 2 1/4"	3 1/2"
P9	Orange	9/32"	1 1/4"	1 1/4"	1/2" x 2 1/4"	3 1/2"
P10	Amber	5/32"	1 1/4"	1 1/4"	1/2" x 2 1/4"	3 1/2"
P11	Green	11/32"	1 1/4"	1 1/4"	1/2" x 2 1/4"	3 1/2"
P12	Blue	3/8"	1 1/4"	1 1/4"	1/2" x 2 1/4"	3 1/2"

## STUBBY

S6	Black	3/16"	1 1/4"	1 1/4"	1 1/8" x 2"	3 1/8"
S8	Red	1/8"	1 1/4"	1 1/4"	1 1/8" x 2"	3 1/8"
S10	Amber	5/32"	1 1/4"	1 1/4"	1 1/8" x 2"	3 1/8"
S11	Green	11/32"	1 1/4"	1 1/4"	1 1/8" x 2"	3 1/8"
S12	Blue	3/8"	1 1/4"	1 1/4"	1 1/8" x 2"	3 1/8"

## REGULAR

5	Amber	5/32"	3"	1 1/4"	1" x 3 1/8"	6 1/8"
6	Black	3/16"	3"	1 1/4"	1" x 3 1/8"	6 1/8"
7	Brown	1/8"	3"	1 1/4"	1" x 3 1/8"	6 1/8"
8	Red	1/4"	3"	1 1/4"	1" x 3 1/8"	6 1/8"
9	Orange	9/32"	3"	1 1/4"	1" x 3 1/8"	6 1/8"
10	Amber	5/16"	3"	1 1/4"	1" x 3 1/8"	6 1/8"
11	Green	11/32"	3"	1 1/4"	1" x 3 1/8"	6 1/8"
12	Blue	3/8"	3"	1 1/4"	1" x 3 1/8"	6 1/8"
14	Brown	7/16"	2 5/8"	1 1/4"	1" x 3 1/8"	6 1/2"
16	Red	1/2"	2 5/8"	1 1/4"	1" x 3 1/8"	6 1/2"

## hollow shaft

CATALOG NO.	COLOR CODE	HEX OPENING	BLADE LENGTH	DEPTH OF HOLE	HANDLE DIMS.	OVERALL LENGTH
REGULAR						
HS6	Black	3/16"	3 1/8"	5 1/2"	1" x 3 1/8"	6 1/4"
HS7	Brown	1/8"	3 1/8"	5 1/2"	1" x 3 1/8"	6 1/4"
HS8	Red	1/4"	3 1/8"	4 3/8"	1" x 3 1/8"	7"
HS9	Orange	9/32"	3 1/8"	4 3/8"	1" x 3 1/8"	7"
HS10	Amber	5/16"	3 1/8"	4 3/8"	1" x 3 1/8"	7"
HS11	Green	11/32"	3 1/8"	4 3/8"	1" x 3 1/8"	7"
HS12	Blue	3/8"	3 1/8"	4 3/8"	1" x 3 1/8"	7"
HS13	Amber	13/32"	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"
HS14	Brown	7/16"	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"
HS15	Amber	15/32"	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"
HS16	Red	1/2"	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"
HS17	Amber	17/32"	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"
HS18	Orange	9/16"	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"
HS19	Amber	19/32"	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"
HS20	Amber	5/8"	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"
HS22	Amber	11/16"	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"
HS24	Amber	3/4"	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"

## EXTRA LONG

A6	Black	3/16"	6 1/2"	6 3/4"	1" x 3 1/8"	9 5/8"
A7	Brown	1/8"	6 1/2"	6 3/4"	1" x 3 1/8"	9 5/8"
A8	Red	1/4"	6 1/2"	6 3/4"	1" x 3 1/8"	9 5/8"
A9	Orange	9/32"	6 1/2"	6 3/4"	1" x 3 1/8"	9 5/8"
A10	Amber	5/16"	6 1/2"	6 3/4"	1" x 3 1/8"	9 5/8"
A11	Green	11/32"	6 1/2"	6 3/4"	1" x 3 1/8"	9 5/8"
A12	Blue	3/8"	6 1/2"	6 3/4"	1" x 3 1/8"	9 5/8"

## METRIC SIZE NUTDRIVERS

Primarily for work on European-made equipment. Black plastic handles. Shafts have protective black oxide finish.

CATALOG NO.	HEX OPENING		BLADE LENGTH	DEPTH OF HOLE	HANDLE DIMENSIONS	OVERALL LENGTH
	Milli-meter	Decimal Inches				
SOLID SHAFT — MIDGET POCKET-CLIP STYLE						
3MM	3MM	.1181	1 1/4"	1 1/4"	1/2" x 2 1/4"	3 1/2"
3.5MM	3.5MM	.1379	1 1/4"	1 1/4"	1/2" x 2 1/4"	3 1/2"
SOLID SHAFT — REGULAR						
4MM	4MM	.1575	3"	1 1/4"	1" x 3 1/8"	6 1/8"
4.5MM	4.5MM	.1773	3"	1 1/4"	1" x 3 1/8"	6 1/8"
5MM	5MM	.1968	3"	1 1/4"	1" x 3 1/8"	6 1/8"
5.5MM	5.5MM	.2167	3"	1 1/4"	1" x 3 1/8"	6 1/8"
6MM	6MM	.2362	3"	1 1/4"	1" x 3 1/8"	6 1/8"
7MM	7MM	.2756	3"	1 1/4"	1" x 3 1/8"	6 1/8"
8MM	8MM	.3150	3"	1 1/4"	1" x 3 1/8"	6 1/8"
9MM	9MM	.3543	3"	1 1/4"	1" x 3 1/8"	6 1/8"
10MM	10MM	.3937	2 1/2"	1 1/4"	1 1/8" x 3 1/8"	6 3/8"
11MM	11MM	.4331	2 1/2"	1 1/4"	1 1/8" x 3 1/8"	6 3/8"
HOLLOW SHAFT — REGULAR						
12MM	12MM	.4724	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"
13MM	13MM	.5118	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"
14MM	14MM	.5512	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"
15MM	15MM	.5905	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"
16MM	16MM	.6299	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"
17MM	17MM	.6693	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"



# nutdriver sets

In addition to the nutdriver sets shown here, Xcelite makes available a number of kits and sets containing nutdrivers, and interchangeable nutdriver blades and handles in combination with other useful tools. See pages 12 thru 15 and 17.

## No. 127TB "TRAY BIEN"

Handy, lightweight, molded yellow plastic tray for bench, tool caddy or wall mounting. Fold-away easel keeps it upright. Snap lock holds tools securely. Contains solid shaft Nos. 6, 7, 8, 9, 10, 11 and 12.

127TB

## No. 137TB "TRAY BIEN"

Tray similar to No. 127TB, but of light gray plastic. Contains five solid and two hollow shaft Nos. 6, 8, 10, 11, 12, HS16 and HS18.

137TB

## No. 147TB "TRAY BIEN"

Tray similar to No. 127TB, but of beige plastic. Contains hollow shaft Nos. HS8, HS9, HS10, HS11, HS12, HS14 and HS16.

147TB

## No. HS6-18 "KEEP AND CARRY" CASE

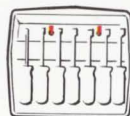
Sturdy plastic stand-up case with slipover cover keeps nutdrivers orderly on workbench, carries them on service calls. Contains hollow shaft Nos. HS6, HS7, HS8, HS9, HS10, HS11, HS12, HS14, HS16 and HS18.



HS6-18



Stands up



Hangs up



Keeps tools orderly



# XCELITE<sup>®</sup> compact

Compact, convertible sets do more jobs with fewer tools, save bench space, lighten the service kit. Remarkable "piggyback" torque amplifier handle slips over tops of color-coded midget tools to provide larger gripping surface, extended reach, and increased driving power. Slim, trim see-thru plastic case fits pocket, has flat base for use as bench stand.



PS88



PS7

## PS88 SCREWDRIVER SET

### SCREWDRIVERS

NUMBER	HANDLE COLOR	BLADE SIZE	OVERALL LENGTH
P3321	Green	$\frac{3}{32}$ " x 1"	3 $\frac{1}{2}$ "
P181	Red	$\frac{1}{8}$ " x 1"	3 $\frac{1}{2}$ "
P5321	Black	$\frac{3}{32}$ " x 1"	3 $\frac{1}{2}$ "
P3161	Orange	$\frac{3}{16}$ " x 1"	3 $\frac{1}{2}$ "
P141	Amber	$\frac{1}{4}$ " x 1"	3 $\frac{1}{2}$ "
P0	Blue	#0 Phillips	3 $\frac{1}{2}$ "
P1	Brown	#1 Phillips	3 $\frac{1}{2}$ "
P2	Amber	#2 Phillips	3 $\frac{1}{2}$ "

### TORQUE AMPLIFIER HANDLE

NUMBER	COLOR	DIMENSIONS
TA2	Black	1" x 3 $\frac{1}{8}$ "

## PS120 NUTDRIVER SET

### NUTDRIVERS

NUMBER	HANDLE COLOR	HEX OPENING	OVERALL LENGTH
P3	Blue	$\frac{3}{32}$ "	3 $\frac{1}{2}$ "
P4	Red	$\frac{1}{8}$ "	3 $\frac{1}{2}$ "
P5	Amber	$\frac{3}{32}$ "	3 $\frac{1}{2}$ "
P6	Black	$\frac{3}{16}$ "	3 $\frac{1}{2}$ "
P7	Brown	$\frac{7}{32}$ "	3 $\frac{1}{2}$ "
P8	Red	$\frac{1}{4}$ "	3 $\frac{1}{2}$ "
P9	Orange	$\frac{9}{32}$ "	3 $\frac{1}{2}$ "
P10	Amber	$\frac{5}{16}$ "	3 $\frac{1}{2}$ "
P11	Green	$\frac{11}{32}$ "	3 $\frac{1}{2}$ "
P12	Blue	$\frac{3}{8}$ "	3 $\frac{1}{2}$ "

### TORQUE AMPLIFIER HANDLE

NUMBER	COLOR	DIMENSIONS
TA2	Black	1" x 3 $\frac{1}{8}$ "

## PS7 SCREWDRIVER AND NUTDRIVER SET

### NUTDRIVERS

NUMBER	HANDLE COLOR	HEX OPENING	OVERALL LENGTH
P8	Red	$\frac{1}{4}$ "	3 $\frac{1}{2}$ "
P10	Amber	$\frac{5}{16}$ "	3 $\frac{1}{2}$ "

### SCREWDRIVERS

		BLADE SIZE	
P3161	Orange	$\frac{3}{16}$ " x 1"	3 $\frac{1}{2}$ "
P3321	Green	$\frac{3}{32}$ " x 1"	3 $\frac{1}{2}$ "
P0	Blue	#0 Phillips	3 $\frac{1}{2}$ "
P1	Brown	#1 Phillips	3 $\frac{1}{2}$ "

### TORQUE AMPLIFIER HANDLE

NUMBER	COLOR	DIMENSIONS
TA2	Black	1" x 3 $\frac{1}{8}$ "

## PS44 SCRULOX<sup>®</sup> SCREWDRIVER SET

### SCRULOX<sup>®</sup> SCREWDRIVERS

HANDLE COLOR	TIP SIZE	SCREW SIZE (GAUGE)	OVERALL LENGTH
Orange	00	1 & 2	3 $\frac{1}{2}$ "
Yellow	0	3 & 4	3 $\frac{1}{2}$ "
Green	1	5, 6 & 7	3 $\frac{1}{2}$ "
Red	2	8, 9 & 10	3 $\frac{1}{2}$ "
Black	3	12 & 14	3 $\frac{1}{2}$ "

### NUTDRIVER

NUMBER	HANDLE COLOR	HEX OPENING	OVERALL LENGTH
P8	Red	$\frac{1}{4}$ "	3 $\frac{1}{2}$ "

### TORQUE AMPLIFIER HANDLE

NUMBER	COLOR	DIMENSIONS
TA2	Blue	1" x 3 $\frac{1}{8}$ "



## convertible tool sets



PS120



PS44

## specialized automotive tools

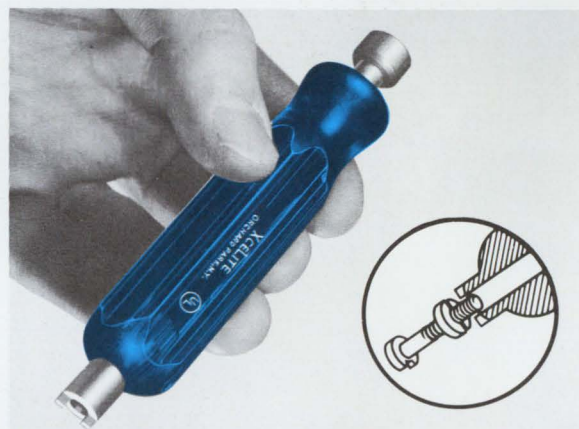
### 110 DISTRIBUTOR TOOL

A 2-in-1 tool that speeds adjustment and replacement of Delco Remy distributor points. Genuine Xcelite plastic handle is shaped for working ease.

- 1 Nutdriver end removes  $1\frac{1}{2}$ " hex nut to detach lead wire from coil . . . in seconds.
- 2 Pronged shaft slides over bolt to engage slot in circular nut. Just a few turns and points are released.

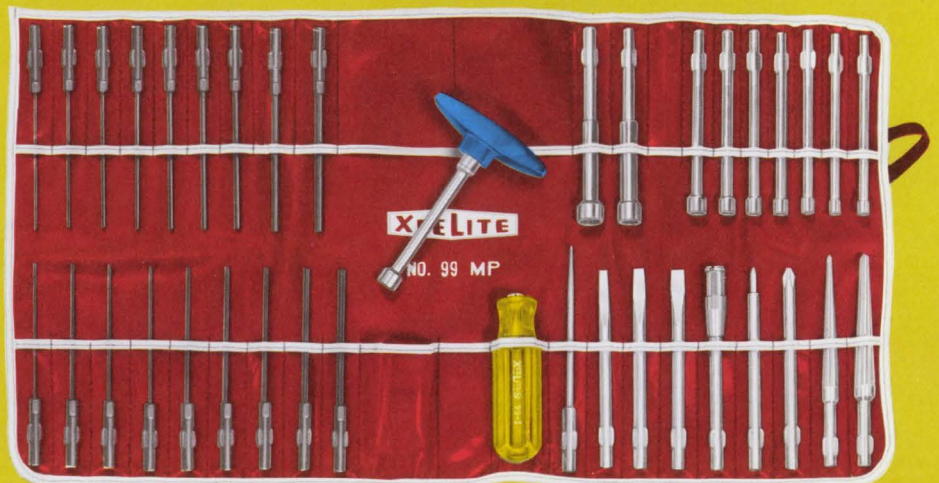
### 112 CARBURETOR AND DISTRIBUTOR TOOL

Flexible, 2-way tool speeds motor tune-ups. Hooded screwdriver bit permits quick "hairline" adjustment of carburetor idle. Allen Hex Type bit quickly adjusts Delco Remy distributors. Plastic-covered shaft snakes into hard-to-reach areas. Positive, no-lag action. Shockproof, breakproof, plastic (UL) handle. Length including bits,  $14\frac{3}{8}$ ".





# XCELITE<sup>®</sup> series 99



## 99MP MULTI-PURPOSE TOOL KIT

All most-needed Series 99 tools are readily available in this convenient 39-piece kit. Plastic coated canvas case folds into a compact, easy-to-carry package which is quickly and positively secured by means of a permanently attached elastic loop. No tying required. Two extra pockets permit addition of pliers, snips or other tools. Set includes:

- 99-1 — Regular Handle
- 99-4 — Tee Handle
- 99-5 thru 99-16 — Regular Nutdrivers(10)
- 99-20 thru 99-26 — Allen Hex Type Screwdrivers (9)
- 99-61 thru 99-69 — Bristol Multiple Spline Screwdrivers
- 99-811, 99-250 and 99-312 — Slotted Screwdrivers
- 99-821 and 99-822 — Phillips Screwdrivers
- 99-38 and 99-39 — Reamers
- 99-70 — Awl/Scriber
- 99-X5 — Extension Blade
- 99MPK — Canvas Case



## 99SM SERVICE MASTER

This versatile 23-piece set of quality tools in a durable, roll-up plastic-coated canvas case weighs only 2¾ lbs. Provides a variety of quick-change tools and tool combinations to speed up assembly and service work. Set includes:

- 52CG — 6" Long Nose Cushion Grip Plier
- 55CG — 5" Diagonal Cushion Grip Plier
- 46C — 6" thin-pattern Adjustable Wrench
- 99-1 — Regular Handle
- 99-3 — Stubby Handle
- 99-6 thru 99-16 — Regular Nutdrivers(9)
- 99-S8, 99-S10, 99-S12 — Stubby Nutdrivers
- 99-821 — Phillips Screwdriver
- 99-811 and 99-250 — Slotted Screwdrivers
- 99-38 and 99-39 — Reamers
- 99-X10 — Extension Blade
- 99SMK — Canvas Case



## service kits and sets

Series 99 service kits and sets are made up primarily of various screwdriver, nutdriver, and other blades (see list at right) which can be used interchangeably in Series 99 handles. This saves space, offers utmost economy. Owners of Series 99 kits and sets can also readily add or substitute tools at minimum cost without adding undue bulk or weight to the tool chest.

All blades are high carbon steel with highly polished nickel chrome finish except Bristol and Allen Hex types which are precision formed of alloy steel. Hex head sockets are precision formed, cold drawn, case hardened steel. Handles are shockproof, breakproof, (UL) plastic... have a patented spring device that holds blades firmly yet permits quick, easy insertion and removal. Tee handle is blue, others are amber. Regular handle accommodates all blades, single and reversible. Stubby, Junior and Tee handles can be used only with single-end blades.



### 99PR ROLL KIT

A multi-purpose 14-piece nut and screwdriver set. Includes:

- 99-1 — Regular Handle
- 99-6, 7, 8, 9, 10, 11, 12, 14, 16 Nutdrivers
- 99-811 and 250 — Slotted Screwdrivers
- 99-821 and 822 — Phillips Screwdrivers
- 99K — Kit



### 99JR ROLL KIT

A compact edition 12-piece nut and screwdriver set. Includes:

- 99-2 — Junior Handle
- 99-6, 7, 8, 9, 10, 11, 12 — Nutdrivers
- 99-811 and 99-250 — Slotted Screwdrivers
- 99-821 and 99-822 — Phillips Screwdrivers
- 99KJR — Kit

## SERIES 99 BLADES & HANDLES

CATALOG NO.	DESCRIPTION	APPROX. WORKING LENGTH
99-1	Handle, Regular (1 1/4" x 4 1/4")	
99-2	Handle, Junior (1" x 3 1/4")	
99-3	Handle, Stubby (1 1/4" x 2")	
99-4	Handle, Tee (3 1/2" x 1 1/8")	
99-5	5/32" Nutdriver	3 5/8"
99-6	3/16" Nutdriver	3 5/8"
99-7	7/32" Nutdriver	3 5/8"
99-8	1/4" Nutdriver	3 5/8"
99-S8	1/4" Nutdriver, Stubby	1 3/4"
99-9	5/32" Nutdriver	3 5/8"
99-10	3/16" Nutdriver	3 5/8"
99-S10	3/16" Nutdriver, Stubby	1 3/4"
99-11	7/32" Nutdriver	3 5/8"
99-12	1/4" Nutdriver	3 5/8"
99-S12	1/4" Nutdriver, Stubby	1 3/4"
99-14	5/16" Nutdriver	4"
99-16	1/2" Nutdriver	4"
99-4MM	4MM (.1575") Nutdriver	3 5/8"
99-4.5MM	4.5MM (.1773") Nutdriver	3 5/8"
99-5MM	5MM (.1968") Nutdriver	3 5/8"
99-5.5MM	5.5MM (.2167") Nutdriver	3 5/8"
99-6MM	6MM (.2362") Nutdriver	3 5/8"
99-7MM	7MM (.2756") Nutdriver	3 5/8"
99-8MM	8MM (.3150") Nutdriver	3 5/8"
99-9MM	9MM (.3543") Nutdriver	3 5/8"
99-10MM	10MM (.3937") Nutdriver	4"
99-11MM	11MM (.4331") Nutdriver	4"
99-20	.050" Allen Hex Type Screwdriver	4"
99-21*	1/16" Allen Hex Type Screwdriver	4"
99-22*	3/64" Allen Hex Type Screwdriver	4"
99-23*	1/32" Allen Hex Type Screwdriver	4"
99-764	3/64" Allen Hex Type Screwdriver	4"
99-24*	1/8" Allen Hex Type Screwdriver	4"
99-964	3/64" Allen Hex Type Screwdriver	4"
99-25*	5/32" Allen Hex Type Screwdriver	4"
99-26*	3/16" Allen Hex Type Screwdriver	4"
99-71MM	1.27MM (.0500") Allen Hex Type Screwdriver	4"
99-72MM	1.5MM (.0591") Allen Hex Type Screwdriver	4"
99-73MM	2MM (.0787") Allen Hex Type Screwdriver	4"
99-74MM	2.5MM (.0984") Allen Hex Type Screwdriver	4"
99-75MM	3MM (.1181") Allen Hex Type Screwdriver	4"
99-76MM	4MM (.1575") Allen Hex Type Screwdriver	4"
99-77MM	5MM (.1968") Allen Hex Type Screwdriver	4"
99-61	.048", 4-flute Bristol Multiple-Spline Screwdriver	4"
99-62	.060", 6-flute Bristol Multiple-Spline Screwdriver	4"
99-63	.069", 4-flute Bristol Multiple-Spline Screwdriver	4"
99-64	.072", 6-flute Bristol Multiple-Spline Screwdriver	4"
99-65	.076", 4-flute Bristol Multiple-Spline Screwdriver	4"
99-66	.096", 6-flute Bristol Multiple-Spline Screwdriver	4"
99-67	.111", 6-flute Bristol Multiple-Spline Screwdriver	4"
99-68	.145", 6-flute Bristol Multiple-Spline Screwdriver	4"
99-69	.183", 6-flute Bristol Multiple-Spline Screwdriver	4"
99-811	3/8" Slotted Screwdriver (Tapered Tip)	3 7/8"
99-250	1/2" Slotted Screwdriver (Tapered Tip)	3 7/8"
99-312	3/8" Slotted Screwdriver (Flared Tip)	3 7/8"
99-821	#1 Phillips	3 7/8"
99-822	#2 Phillips	3 7/8"
99-83	3/8" and 1/2" Fearsom (Reed & Prince), Reversible	3 1/4"
99-84	3/8" and 1/2" G Clutch Head, Reversible	3 1/4"
99SL-00	#00 Scrulox Screwdriver	4"
99SL-0	#0 Scrulox Screwdriver	4"
99SL-1	#1 Scrulox Screwdriver	4"
99SL-2	#2 Scrulox Screwdriver	4"
99SL-3	#3 Scrulox Screwdriver	4"
99-38	1/8" to 3/8" Reamer	4 1/8"
99-39	1/4" to 1/2" Reamer	4 1/8"
99-70	Awl/Scriber	4 1/2"
99-X5	Extension Blade (adds 4" reach to single end blades)	4"
99-X10	Extension Blade (adds 7" reach to single end blades)	7"

\*99-30 CLEAR PLASTIC POUCH with heat-sealed compartments contains 99-21, 22, 23, 24, 25 and 26 Allen Hex Type Screwdriver Blades.

## CHUCK ADAPTORS FOR SPIRAL RATCHET DRIVERS

With these special adaptors, all Xcelite Series 99 single-end nutdriver, screwdriver, and other blades can be used with Stanley YANKEE®, Greenlee, Millers Falls and similar spiral ratchet hand drivers. Positive locking device holds blade firmly.

CATALOG NO.	NOMINAL SHANK DIA.	OVERALL LENGTH
YA-732	7/32"	3 1/4"
YA-932	9/32"	3 1/8"
YA-516	5/16"	3 3/8"

Above adaptors are also available in the following sets, each containing three stubby nutdrivers (99-S8, 99-S10 and 99-S12): Catalog Nos. YA-732D, YA-932D and YA-516D.



*series 99 service kits and sets (continued)*

**99PV-6 PLASTIC VIEW KIT  
SLOTTED AND PHILLIPS  
SCREWDRIVERS**

Six-piece, pocket size screwdriver set. Includes:

99-1 — Regular Handle

99-811, 99-250 and 99-312 — Slotted Screwdrivers

99-821 and 99-822 — Phillips Screwdrivers



**99PV-4 PLASTIC VIEW KIT  
SLOTTED SCREWDRIVERS**

Space-saving, 4-piece screwdriver set. Includes:

99-1 — Regular Handle

99-811, 99-250 and 99-312 — Slotted Screwdrivers



**99SL PLASTIC VIEW KIT  
SCRULOX<sup>®</sup>  
SCREWDRIVERS**

Six-piece screwdriver set for Scrulox square recess screws. Pocket size, see-thru, plastic case. Includes:

99-1 — Regular Handle

99SL-00, 0, 1, 2, 3 — Scrulox Screwdrivers

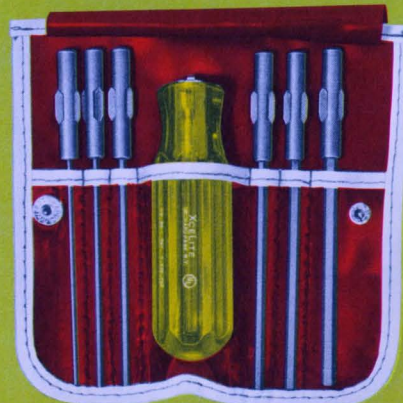


**99LN POCKET ROLL KIT  
ALLEN HEX TYPE  
SCREWDRIVERS**

Seven-piece Allen Hex type screwdriver set in tough, plastic snap fastener case. Includes:

99-1 — Regular Handle

99-21, 22, 23, 24, 25, 26 — Allen Hex Type Screwdrivers





### **99PS-40 COMPACT SET ALLEN HEX TYPE SCREWDRIVERS**

Eleven-piece set in compact, see-thru plastic case which has flat bottom for use as bench stand.

Includes:

99-1 — Regular Handle

99-20, 21, 22, 23, 764, 24, 964, 25, 26 — Allen Hex Type Screwdrivers

99-X5 — Extension Blade

99PS-40C — Case



### **99PS-50 COMPACT SET SCREWDRIVERS, NUTDRIVERS**

Fourteen-piece set in case similar to 99PS-40.

Includes:

99-1 — Regular Handle

99-6, 7, 8, 9, 10, 11, 12 — Regular Nutdrivers

99-811 and 99-250 — Slotted Screwdrivers

99-821 and 99-822 — Phillips Screwdrivers

99-X5 — Extension Blade

99PS-50C — Case



### **99PS-60 COMPACT SET BRISTOL MULTIPLE-SPLINE SOCKET SCREWDRIVERS**

Eleven-piece set in case similar to 99PS-40.

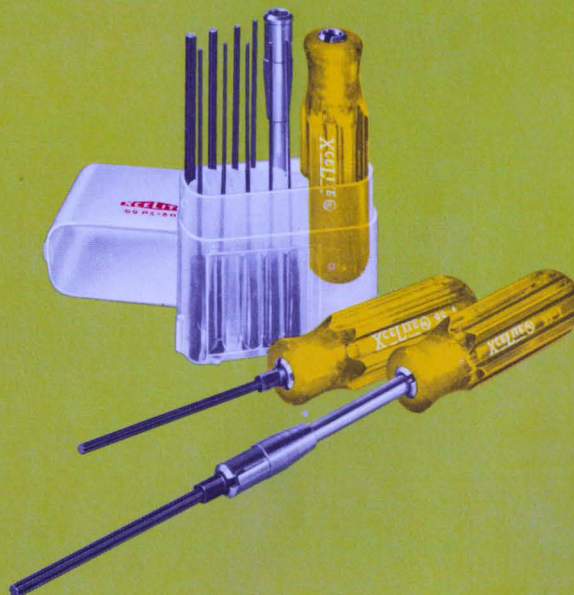
Includes:

99-1 — Regular Handle

99-61, 62, 63, 64, 65, 66, 67, 68, 69 — Bristol Multiple-Spline Socket Screwdrivers

99-X5 — Extension Blade

99PS-60C — Case







## *tool sets and kits with combination reversible blades*

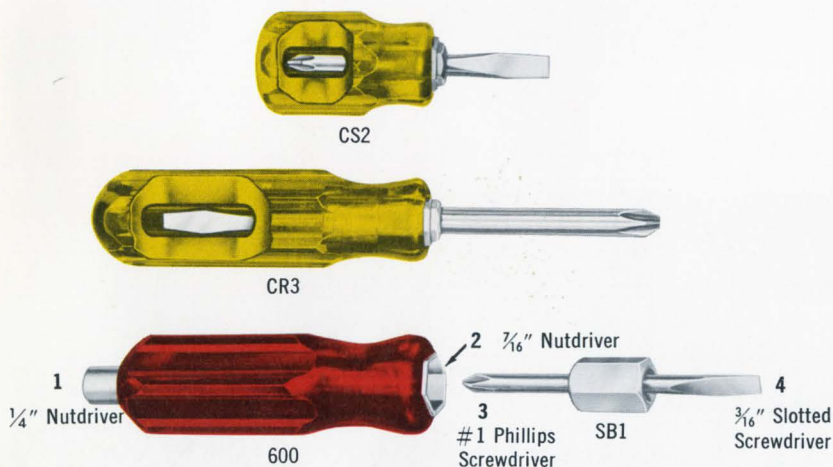
These handy, economical, multi-purpose tool sets and kits consist of either a regular or stubby handle combined with one or more of the reversible, interchangeable combination blades listed below. Blades and handles may be purchased separately to augment any set or kit or to build sets to individual requirements.

Blades snap in and out of handle easily, quickly. Patented spring lock holds them firmly in perfect alignment. Metal hex socket in handle doubles as  $\frac{1}{4}$ " nutdriver. Blades are Chrome Vanadium Steel. Handles are shockproof, breakproof, amber (UL) plastic.

### COMBINATION REVERSIBLE BLADES AND HANDLES

CATALOG NO.	DESCRIPTION	OVERALL LENGTH
25	Handle, Regular ( $1\frac{1}{8}$ " x $4\frac{1}{4}$ " )	
26	Handle, Stubby ( $1\frac{1}{8}$ " x 2" )	
RB1	+  -	6 $\frac{1}{4}$ "
RB2	# 1 Phillips and $\frac{3}{16}$ " Slotted	6 $\frac{1}{4}$ "
RB3	# 2 Phillips and $\frac{1}{4}$ " Slotted	6 $\frac{1}{4}$ "
	+  +	
RB12	# 3 Phillips and $\frac{5}{16}$ " Slotted	6 $\frac{1}{4}$ "
	+  +	
	# 1 and # 2 Phillips	6 $\frac{1}{4}$ "
	⊗  ⊗	
GB1	$\frac{3}{16}$ " G and $\frac{5}{32}$ " G Clutch	6 $\frac{1}{4}$ "
GB2	$\frac{5}{16}$ " G and $\frac{1}{4}$ " G Clutch	6 $\frac{1}{4}$ "
	+  -	
SB1	# 1 Phillips and $\frac{3}{16}$ " Slotted, Stubby	3 $\frac{1}{8}$ "
SB2	# 2 Phillips and $\frac{1}{4}$ " Slotted, Stubby	3 $\frac{1}{8}$ "
	⊗  ⊗	
GS1	$\frac{3}{16}$ " G and $\frac{5}{32}$ " G Clutch, Stubby	3 $\frac{1}{8}$ "





## SETS

**STUBBY** (Overall Length: 3 1/4")

CS1 — No. 26 handle and SB1 blade

CS2 — No. 26 handle and SB2 blade

**REGULAR** (Overall Length: 7 1/4")

CR1 — No. 25 handle and RB1 blade

CR2 — No. 25 handle and RB2 blade

CR3 — No. 25 handle and RB3 blade

**NO. 600 4-WAY POCKET TOOL** (Overall Length: 4 3/4")

A real time-saver, especially handy for removing backs of TV sets and installing antennas. Genuine Xcelite red plastic handle shaped and balanced for working ease. Combines with reversible SB1 blade to make 4 tools in one. Patented spring lock holds blade firmly in handle, permits easy removal.

## POCKET ROLL KITS

From 2 to 5 reversible blades plus handle in one space-saving pocket roll. This handy, durable case is made of tough plastic with cloth flap . . . will not scratch or mar any surface it's placed on.

CK2 — Contains RB1 and RB2 blades with No. 25 handle.

CK3 — Contains RB1, RB2 and RB3 blades with No. 25 handle.

CK5 — Contains RB1, RB2, RB3, GB1 and GB2 blades with No. 25 handle.

## PLASTIC VIEW KITS

Tools are instantly visible in these neat, long-lasting plastic view kits. Designed to fit hip pocket, tool box, boat kit, glove compartment. Zipper case for either regular or stubby size.

### STUBBY

SK20 — Zipper case with SB1, SB2 blades and No. 26 handle.

### REGULAR

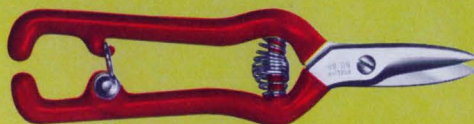
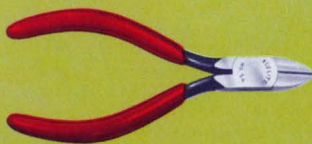
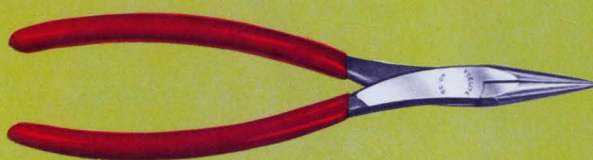
CK20 — Zipper case with RB1, RB2 blades and No. 25 handle.

CK23 — Zipper case with RB1, RB2, RB3 blades and No. 25 handle.





## *pliers and snips*



The exceptional strength and utility of Xcelite pliers and snips are the result of forged alloy steel construction, precision-machining, and scientific proportioning. Handles are designed to fit comfortably . . . provide maximum leverage without damaging hands or tools. Cleanly milled and perfectly aligned jaws grip tightly and surely. Hand-honed, mated cutting edges remain sharp under severe usage. Heads are brightly polished.

For extra working comfort, most models are available with permanent, plastic-coated "Cushion Grip" (CG) handles.

### **CHAIN NOSE ELECTRICIAN'S PLIERS**

**59CG** — 8" plier with long reach and high leverage. Rugged construction. Cushion Grip.

### **COMBINATION SLIP JOINT PLIERS**

**75C** — 5" chrome-plated, high quality plier in handy small size.

**76C** — 6" chrome-plated plier for general use.

**76S** — Satin Finish

**78C** — 8" chrome-plated. Sturdy construction . . . ideal for heavy duty.

### **DIAGONAL PLIERS**

**54** — Midget 4" size. For close quarter work.

**54CG** — Cushion Grip.

**55** — 5" plier for most cutting needs.

**55CG** — Cushion Grip.

**66CG** — 6" all-purpose diagonal plier. Cushion Grip.

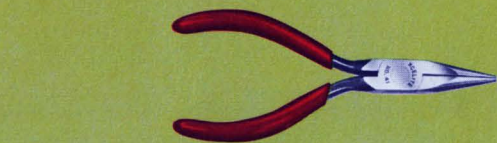
**67** — 7" for heavy applications.

**67CG** — Cushion Grip.

### **ELECTRONIC SNIPS**

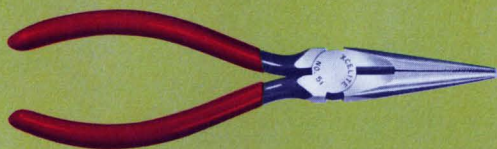
**86CG** — 6½" size. Shearing action of pointed blades (1½" cut) prevents peaks on fine wires and filaments. Useful also for removing insulation and cutting light sheet metal. Coil spring opens blades—latch holds them closed. Cushion Grip.





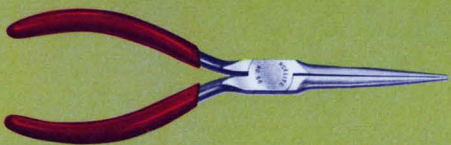
### LONG NOSE PLIERS

41CG — Midget 4" without side cutters. Cushion Grip.



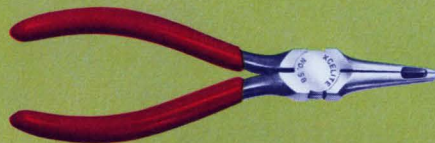
52 — 6 1/2" long nose, without side cutters.

52CG — Cushion Grip.



51 — 6 1/2" long nose, with side cutters.

51CG — Cushion Grip.

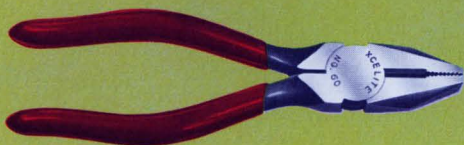


### NEEDLE NOSE PLIERS

56CG — 6" size. Long slim jaws permit entry where regular long nose plier won't work. Cushion Grip.

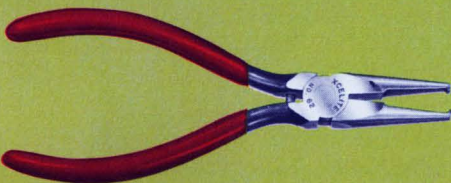
### RADIO AND TV PLIER

58CG — 6" plier with extreme tip for gripping, sharp 5/16" cutting edges 3/8" back from tip. Cushion Grip.



### SIDE CUTTING PLIERS

60CG — 6" size with serrated upper and lower jaw for gripping. Cushion Grip.



68CG — 8" plier same as above with grip and leverage needed for cutting heavy wire. Cushion Grip.

### TRANSVERSE CUTTING PLIER

62CG — 6" cutter for flush cutoff and use where ordinary pliers won't reach. Coil spring opener. Cushion Grip.



### UTILITY PLIERS

53CG — 7" all-purpose plier with 5-position forged rib lock design and serrated jaws. Maximum opening 1 1/4". Cushion Grip.

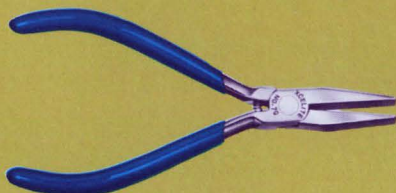
63 — 10" forged rib lock design. Adjusts to 4 positions. Maximum opening 1 1/2".

63CG — Cushion Grip.



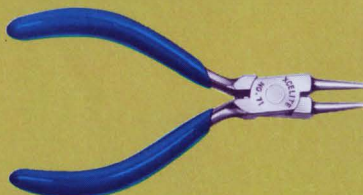
# *miniature electronic pliers*

These small, lightweight pliers are designed primarily for holding, bending and cutting fine wires in electronic, radio/TV, electrical and jewelry work. Comfortable, plastic-coated "Cushion Grip" handles and coil spring openers make work go faster and reduce hand fatigue, especially on assembly line operations. All have polished heads and shoulders.



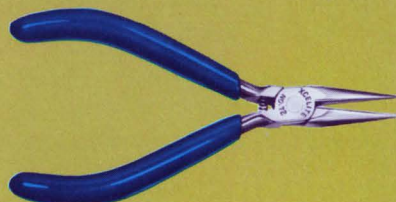
## **FLAT NOSE PLIERS**

70CG — 5" long for fine work. No cutter.



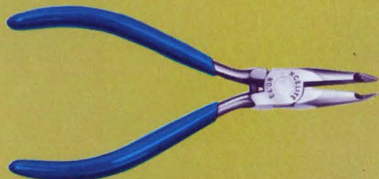
## **ROUND NOSE PLIERS**

71CG — 4½" long. Carefully rounded on both sides of nose and precision ground to a fine point. For looping and forming fine wires.



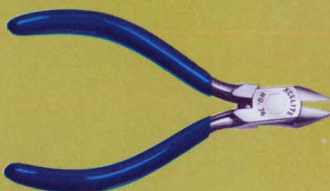
## **CHAIN NOSE PLIERS**

72CG — 5" long with thin chain nose. Smooth jaws are slightly beveled on inside edges.



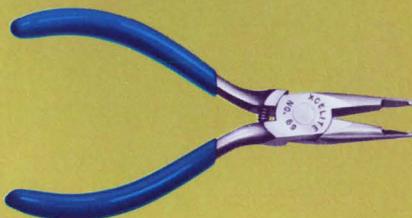
## **SPECIAL TIP CUTTING PLIERS**

73CG — 4½" long, thin needle nose pliers with cutter at tip. Snap cuts fine wires. For printed circuitry and other "tight quarter" work. Cuts 45° at extreme tip.



## **DIAGONAL CLOSE CUTTING PLIERS**

74CG — 4" long for fast, clean tip cutting. Fine tapered nose and near-flush cutting edges, electronically induction hardened and hand honed.



## **RADIO AND TV PLIERS**

69CG — 5" fine pointed plier with serrated tips for delicate work. Sharp ⅝" cutting edges ⅛" back from tips for fine wires.





## SEIZERS®

6" straight and curved nose models. A remarkably versatile tool with unusual holding qualities. Clamps tightly. Holds wires for soldering, acts as a heat sink, retrieves small parts from hard-to-reach places. Two-position snap-lock. Serrated jaws. Box joint construction. Precision machined from perfectly tempered stainless steel.

5" Jr. Models are slimmer, get into tight spots. Smooth jaws won't mar delicate materials.

- 42H — 6" Straight Nose Seizer  
43H — 6" Curved Nose Seizer  
32H — 5" Straight Nose Jr. Seizer  
33H — 5" Curved Nose Jr. Seizer

## ADJUSTABLE WRENCHES

Thin-pattern Xcelite design permits access to places regular adjustables won't fit. Rugged, forged alloy steel construction. Chromium plated. Polished heads. Quick, one-hand adjustment accurately fits jaws to any nut or bolt in their capacity range. Available with Cushion Grip (CG).

CATALOG NO.		LENGTH	MAXIMUM OPENING
plain	cushion grip		
44C	44CG	4"	1/2"
46C	46CG	6"	3/4"
48C	48CG	8"	1 1/8"
40-10C	40-10CG	10"	1 1/8"
40-12C	40-12CG	12"	1 5/8"

## TERMINAL WRENCHES

### for transistor radios and CB walkie-talkies

Remove spanner nut on external antenna and earphone jacks. Projecting keys fit slots in nut. Shockproof (UL), break-proof, plastic, color coded handles with pocket clip. Two sizes:

Catalog No.	Color Code	Spanner Nut O.D.	Blade Length	Handle Dim.	Overall Length
TW32	Green	1/4"	1 3/8"	1/2" x 2 1/4"	3 5/8"
TW140	Red	5/16"	1 3/8"	1/2" x 2 1/4"	3 5/8"

## K22 ELECTRICIAN'S KNIFE

It's both a knife and a screwdriver. Screwdriver blade has a sharp edge for scraping insulation . . . has positive lock when open.

## 150 TOOL HOLSTER

Has tape holder, knife clip, and 5 tool pockets. Durably made of saddle leather with natural cowhide finish. Features comfortable hip-contoured back, hot-waxed stitching, brass rivets, and pliable belt slots.







# professional hand tools

XCELITE INCORPORATED • Orchard Park, N.Y. 14127, U.S.A.

## CATALOG NO. 166 SUPPLEMENT

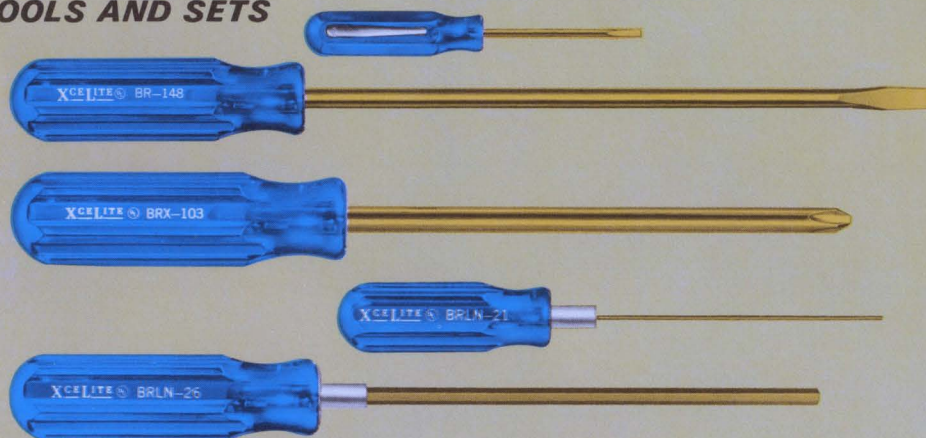
Four pages of new tools and sets added to the Xcelite line since the publishing of Catalog No. 166.

### BERYLLIUM-COPPER HAND TOOLS AND SETS

The beryllium-copper used in the manufacture of these Xcelite precision tools is non-magnetic, non-sparking, rust- and corrosion-resistant. Nearly as hard as steel, it has a higher fatigue resistance.

Recommended for numerous applications in electrical and electronic assembly and servicing, these tools are particularly desirable where magnetism is a deterrent to adjustment, as in engines and instruments. Because they are non-sparking, Xcelite beryllium-copper screwdrivers and nutdrivers are regarded as safety tools for use in industrial areas where volatile or explosive materials, gases, liquids, or dusts are present. Their rust and corrosion resistance makes them ideal for work in which they may be exposed to moisture, salt air, weather, chemicals, or chemical fumes.

Xcelite beryllium-copper nutdrivers have color coded plastic (UL) handles. Screwdriver handles are blue.



### FIXED HANDLE SCREWDRIVERS

#### Screwdrivers for Slotted Screws

	CATALOG NO.	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
POCKET CLIP STYLE				
1/8" Dia. Blade	BR-181	2"	1/2" x 2 1/4"	4 1/4"
REGULAR				
1/8" Dia. Blades	BR-184	4"	3/4" x 2 5/8"	6 5/8"
	BR-186	6"	3/4" x 2 5/8"	8 5/8"
	BR-1810	10"	3/4" x 2 5/8"	12 5/8"
3/16" Dia. Blades	BR-3164	4"	7/8" x 3 5/8"	7 5/8"
	BR-3168	8"	7/8" x 3 5/8"	11 5/8"
1/4" Dia. Blades	BR-144	4"	1 1/8" x 4 1/8"	8 1/8"
	BR-146	6"	1 1/8" x 4 1/8"	10 1/8"
	BR-148	8"	1 1/8" x 4 1/8"	12 1/8"

#### Phillips Type Screwdrivers

CATALOG NO.	POINT SIZE	BLADE DIAMETER	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
BRX-100	0	1/8"	2"	3/4" x 2 5/8"	4 5/8"
BRX-101	1	3/16"	3"	7/8" x 3 5/8"	6 5/8"
BRX-102	2	1/4"	4"	1 1/8" x 4 1/8"	8 1/8"
BRX-103	3	5/16"	6"	1 1/4" x 4 1/4"	10 1/4"
BRX-104	4	3/8"	8"	1 3/8" x 4 1/2"	12 1/2"

#### Allen Hex Type Screwdrivers

Beryllium blades locked in stainless steel handle inserts. Individual tools or complete set in case.

CATALOG NO.	HEX SIZE (width across flats)	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
BRLN-20	.050"	4"	3 1/4" x 2 5/8"	6 5/8"
BRLN-21	1/16"	4"	3 1/4" x 2 5/8"	6 5/8"
BRLN-22	5/64"	4"	3 1/4" x 2 5/8"	6 5/8"
BRLN-23	3/32"	4"	1" x 3 1/8"	7 1/8"
BRLN-764	7/64"	4"	1" x 3 1/8"	7 1/8"
BRLN-24	1/8"	4"	1" x 3 1/8"	7 1/8"
BRLN-964	9/64"	4"	1" x 3 1/8"	7 1/8"
BRLN-25	5/32"	4"	1" x 3 1/8"	7 1/8"
BRLN-26	3/16"	4"	1 1/8" x 4 1/8"	8 1/8"

BRLN-990 Complete set of above in roll-up, plastic-coated, canvas case.

### 99-PS-42-BR ALLEN HEX TYPE SCREWDRIVER SET

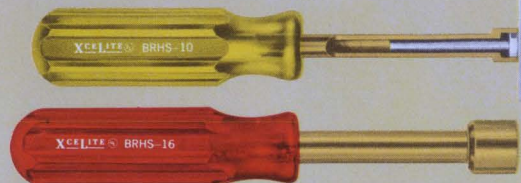


This compact, ten-piece interchangeable blade set is furnished in a sturdy, pocket-size plastic case which has a flat bottom for use as a bench stand. Amber plastic (UL) handle (1-1/16" x 4-1/8") is fitted with a brass spring chuck which holds the blades firmly for driving, yet permits easy insertion and removal. Nine beryllium-copper blades with integral stainless steel chuck adaptors, have a 4" approx. working length and are furnished in the following hex sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32" and 3/16".

### HOLLOW SHAFT NUTDRIVERS

Individual tools or complete set in case.

These general purpose nutdrivers are especially useful where nuts must be installed or removed over long protruding bolts or studs. Shafts are brass with beryllium-copper sockets.



CATALOG NO.	HEX OPENING (width across flats)	SHAFT LENGTH	DEPTH OF HOLE	HANDLE DIMS.	OVERALL LENGTH
BRHS-6	3/16"	3 1/8"	5 1/2"	1" x 3 1/8"	6 1/4"
BRHS-8	1/4"	3 1/8"	4 3/8"	1 1/8" x 4 1/8"	7 1/4"
BRHS-10	5/16"	3 1/8"	4 3/8"	1 1/8" x 4 1/8"	7 1/4"
BRHS-11	11/32"	3 1/8"	4 3/8"	1 1/8" x 4 1/8"	7 1/4"
BRHS-12	3/8"	3 1/8"	4 3/8"	1 1/8" x 4 1/8"	7 1/4"
BRHS-14	7/16"	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"
BRHS-16	1/2"	3 1/8"	6"	1 1/8" x 4 1/8"	7 1/4"

BRHS-6-16 Set of above in clear front plastic case.

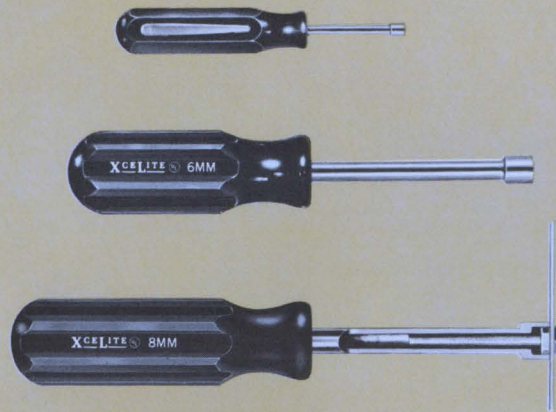


## METRIC HAND TOOLS AND SETS

Precision made to fit exactly, fasteners manufactured to metric dimensions, these tools are particularly useful and in many instances essential in the assembly and servicing, both here and abroad, of European and other foreign-designed equipment.

Blades, shafts, and shanks are finished in bright nickel chrome, except Allen hex socket type which have a protective black oxide finish. Plastic (UL) handles are shaped for perfect grip and balance.

**NOTE:** Complete specifications for all metric tools in the Xcelite line, plus corresponding popular sizes of fasteners, are given in the Selector Charts which follow.



## FIXED HANDLE NUTDRIVERS (Black plastic handles)

### SELECTOR CHART

NUTDRIVERS						HEX HEAD CAP SCREWS		HEX NUTS			
CATALOG NO.	HEX OPENING (width across flats)		SHAFT LENGTH (Inches)	DEPTH OF HOLE (Inches)	HANDLE SIZE (Inches)	OVERALL LENGTH (Inches)	THREAD DIA.		THREAD DIA.		
	Milli-meters	Decimal Inches					Milli-meters	Decimal Inches	Milli-meters	Decimal Inches	
MIDGET POCKET-CLIP STYLE — 1/4" clearance hole depth											
3MM	3	.1181	1 1/4	1 1/4	1/2 x 2 1/4	3 1/2	—	—	1.2	.0472	
3.5MM	3.5	.1379	1 1/4	1 1/4	1/2 x 2 1/4	3 1/2	—	—	1.4	.0551	
									1.6	.0630	
									1.7	.0669	
REGULAR — 1/4" clearance hole depth											
4MM	4	.1575	3	1 1/4	1 x 3 1/8	6 1/8	—	—	2	.0787	
4.5MM	4.5	.1773	3	1 1/4	1 x 3 1/8	6 1/8	—	—	2.3	.0906	
5MM	5	.1968	3	1 1/4	1 x 3 1/8	6 1/8	2.6	.1024	2.6	.1024	
5.5MM	5.5	.2167	3	1 1/4	1 x 3 1/8	6 1/8	3	.1181	3	.1181	
6MM	6	.2362	3	1 1/4	1 x 3 1/8	6 1/8	3.5	.1379	3.5	.1379	
7MM	7	.2756	3	1 1/4	1 x 3 1/8	6 1/8	4	.1575	4	.1575	
8MM	8	.3150	3	1 1/4	1 x 3 1/8	6 1/8	5*	.1968	5*	.1968	
9MM*	9	.3543	3	1 1/4	1 x 3 1/8	6 1/8	—	—	—	—	
10MM	10	.3937	2 1/2	1 1/4	1 1/8 x 4 1/8	6 5/8	6	.2362	6	.2362	
11MM	11	.4331	2 1/2	1 1/4	1 1/8 x 4 1/8	6 5/8	7	.2756	7	.2756	
REGULAR — HOLLOW SHAFT											
12MM	12	.4724	3 1/8	6	1 1/8 x 4 1/8	7 1/4	—	—	—	—	
13MM	13	.5118	3 1/8	6	1 1/8 x 4 1/8	7 1/4	8°	.3150	8°	.3150	
14MM**	14	.5512	3 1/8	6	1 1/8 x 4 1/8	7 1/4	—	—	—	—	
15MM	15	.5905	3 1/8	6	1 1/8 x 4 1/8	7 1/4	—	—	—	—	
16MM	16	.6299	3 1/8	6	1 1/8 x 4 1/8	7 1/4	—	—	—	—	
17MM	17	.6693	3 1/8	6	1 1/8 x 4 1/8	7 1/4	10	.3937	10	.3937	

\*Old Standard for 5MM Screw and Nut is 9MM Nutdriver.

\*\*Old Standard for 8MM Screw and Nut is 14MM Nutdriver.

3-17MM 18-piece complete Metric Nutdriver Set containing all of above, packaged in cardboard carton.




4-13MM 10-piece set of popular size Metric Nutdrivers: 4MM thru 8MM, 10MM, 11MM, & 13MM, packaged in cardboard carton.

## SERIES 99 COMPACT SETS

These sets are furnished in sturdy, pocket-size plastic cases with flat bottoms for use as bench stands. Handles and extensions included with each set have a patented spring device which holds the interchangeable blades firmly for driving, yet permits easy insertion and removal.

### No. 99-PS-41-MM hex socket screwdriver set

#### SELECTOR CHART

HEX SOCKET SCREWDRIVER BLADES				SET SCREWS	SOCKET HEAD CAP SCREWS	FLAT HEAD CAP SCREWS
CATALOG NO.	HEX SIZE (width across flats)		APPROX. WORKING LENGTH (Inches)			
				THREAD DIAMETER	THREAD DIAMETER	THREAD DIAMETER
	Millimeters	Decimal Inches		Millimeters	Millimeters	Millimeters
99-71MM	1.27	.0500	4	2.6	1.4	—
99-72MM	1.5	.0591	4	3	1.7 & 2	—
99-73MM	2	.0787	4	4	2.3 & 2.6	3
99-74MM	2.5	.0984	4	5	3	4
99-75MM	3	.1181	4	6	4	5
99-76MM	4	.1575	4	8	5	6
99-77MM	5	.1968	4	10	6	8

EXTENSION: 99-X-5 (Adds 4" reach)

HANDLE: 99-1 (1 1/8" x 4 1/8")

### No. 99-PS-51-MM nutdriver set

#### SELECTOR CHART

NUTDRIVER SHANKS					HEX HEAD CAP SCREWS		HEX NUTS	
CATALOG NO.	HEX OPENING (width across flats)		DEPTH OF HOLE (Inches)	APPROX. WORKING LENGTH (Inches)	THREAD DIAMETER		THREAD DIAMETER	
	Millimeters	Decimal Inches			Millimeters	Decimal Inches	Millimeters	Decimal Inches
99-4MM	4	.1575	1¼	3⅝	—	—	2	.079
99-4.5MM	4.5	.1773	1¼	3⅝	—	—	2.3	.091
99-5MM	5	.1968	1¼	3⅝	2.6	.102	2.6	.102
99-5.5MM	5.5	.2167	1¼	3⅝	3	.118	3	.118
99-6MM	6	.2362	1¼	3⅝	3.5	.138	3.5	.138
99-7MM	7	.2756	1¼	3⅝	4	.157	4	.157
99-8MM	8	.3150	1¼	3⅝	5°	.197	5°	.197
99-9MM*	9	.3543	1¼	3⅝	—	—	—	—
99-10MM	10	.3937	1¼	4	6	.236	6	.236
99-11MM	11	.4331	1¼	4	7	.276	7	.276

\*Old Standard for 5MM Screw and Nut is 9MM Nutdriver.

EXTENSION: 99-X-5 (Adds 4" reach)

HANDLE: 99-1 (1 1/8" x 4 1/8")

## SERIES 99 METRIC NUTDRIVER SHANKS AND HEX SOCKET BLADES

All nutdriver shanks and hex socket blades listed in the No. 99-PS-41-MM and 51-MM Sets may be purchased individually for use in Series 99 Regular, Junior, or Tee handles.



## POPULAR NUTDRIVER AND SCREWDRIVER ASSORTMENTS in handy see-thru plastic cases

These sets contain assorted popular sizes of screwdrivers and color coded nutdrivers carefully selected to meet the requirements of a great variety of service, production, and maintenance applications.

Compact plastic cases save space, keep tools orderly in tool cabinet or service kit. Convenient eyelet permits hanging on tool board or wall behind work bench. Cases have transparent, see-thru fronts and white back panels for maximum visibility, instant identification, and ready selection of tools.



### COLOR CODED NUTDRIVER SETS

**NO. 157** 7 Pieces (all shafts with 1/4" clearance hole depth).

CATALOG NO.	COLOR CODE	HEX OPENING (width across flats)	SHAFT LENGTH	HANDLE DIMS.	OVERALL LENGTH
6	Black	3/16"	3"	1" x 3 1/8"	6 1/8"
8	Red	1/4"	3"	1" x 3 1/8"	6 1/8"
10	Amber	5/16"	3"	1" x 3 1/8"	6 1/8"
11	Green	11/32"	3"	1" x 3 1/8"	6 1/8"
12	Blue	3/8"	3"	1" x 3 1/8"	6 1/8"
14	Brown	7/16"	2 5/8"	1 1/16" x 4 1/8"	6 3/4"
16	Red	1/2"	2 5/8"	1 1/16" x 4 1/8"	6 3/4"

**NO. 167** 7 Pieces (4 have shafts with 1/4" clearance hole depth, 3 have hollow shafts).

CATALOG NO.	COLOR CODE	HEX OPENING (width across flats)	SHAFT LENGTH	HANDLE DIMS.	OVERALL LENGTH
1/4" hole depth					
8	Red	1/4"	3"	1" x 3 1/8"	6 1/8"
10	Amber	5/16"	3"	1" x 3 1/8"	6 1/8"
11	Green	11/32"	3"	1" x 3 1/8"	6 1/8"
12	Blue	3/8"	3"	1" x 3 1/8"	6 1/8"
HOLLOW SHAFT — 6" hole depth					
HS-14	Brown	7/16"	3 1/8"	1 1/16" x 4 1/8"	7 1/4"
HS-16	Red	1/2"	3 1/8"	1 1/16" x 4 1/8"	7 1/4"
HS-18	Orange	9/16"	3 1/8"	1 1/16" x 4 1/8"	7 1/4"

**NO. 177** 7 Pieces (all have hollow shafts).

CATALOG NO.	COLOR CODE	HEX OPENING (width across flats)	SHAFT LENGTH	DEPTH OF HOLE	HANDLE DIMS.	OVERALL LENGTH
HS-6	Black	3/16"	3 1/8"	5 1/2"	1" x 3 1/8"	6 1/4"
HS-8	Red	1/4"	3 1/8"	4 3/8"	1 1/16" x 4 1/8"	7 1/4"
HS-10	Amber	5/16"	3 1/8"	4 3/8"	1 1/16" x 4 1/8"	7 1/4"
HS-11	Green	11/32"	3 1/8"	4 3/8"	1 1/16" x 4 1/8"	7 1/4"
HS-12	Blue	3/8"	3 1/8"	4 3/8"	1 1/16" x 4 1/8"	7 1/4"
HS-14	Brown	7/16"	3 1/8"	6"	1 1/16" x 4 1/8"	7 1/4"
HS-16	Red	1/2"	3 1/8"	6"	1 1/16" x 4 1/8"	7 1/4"

### SCREWDRIVER SETS

**NO. SDR-11** 5 Pieces (all round blade for slotted screws).

CATALOG NO.	BLADE DIA.	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
R-182	1/8"	2"	3/4" x 2 5/8"	4 5/8"
R-5324	3/32"	3"	3/4" x 2 5/8"	5 5/8"
R-3166	7/16"	6"	7/8" x 3 5/8"	9 5/8"
R-144	1/4"	4"	1 1/16" x 4 1/8"	8 1/8"
R-5166	5/16"	6"	1 1/4" x 4 1/4"	10 1/4"

**NO. SDX-22** 5 Pieces (all Phillips type).

CATALOG NO.	POINT SIZE	BLADE DIA.	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
X-100	0	1/8"	2"	3/4" x 2 5/8"	4 5/8"
X-101	1	3/16"	3"	7/8" x 3 5/8"	6 5/8"
X-102	2	1/4"	4"	1 1/16" x 4 1/8"	8 1/8"
X-103	3	5/16"	6"	1 1/4" x 4 1/4"	10 1/4"
SX-102	2	1/4"	1 5/8"	1 1/16" x 2"	3 5/8"

**NO. SRX-33** 6 Pieces (4 round blade for slotted screws, 2 Phillips type).

CATALOG NO.	POINT SIZE	BLADE DIA.	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
SLOTTED					
R-184	—	1/8"	4"	3/4" x 2 5/8"	6 5/8"
R-3166	—	3/16"	6"	7/8" x 3 5/8"	9 5/8"
R-144	—	1/4"	4"	1 1/16" x 4 1/8"	8 1/8"
R-5166	—	5/16"	6"	1 1/4" x 4 1/4"	10 1/4"
PHILLIPS TYPE					
X-101	1	3/16"	3"	7/8" x 3 5/8"	6 5/8"
X-102	2	1/4"	4"	1 1/16" x 4 1/8"	8 1/8"

**NO. SDS-44** 5 Pieces (all square blade for slotted screws).

CATALOG NO.	BLADE SIDES	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
S-141	1/4"	1 1/4"	1 1/16" x 2"	3 1/4"
S-3164	3/16"	4"	7/8" x 3 5/8"	7 5/8"
S-144	1/4"	4"	1 1/16" x 4 1/8"	8 1/8"
S-5166	5/16"	6"	1 1/4" x 4 1/4"	10 1/4"
S-388	3/8"	8"	1 3/8" x 4 1/2"	12 1/2"

## "BIG TWENTY" PHILLIPS TYPE SCREWDRIVER

This extra-long screwdriver with a 20" blade saves time and trouble working with components in hard-to-reach locations.

Reaching through the circuitry from the rear of an electronic equipment cabinet to adjust fasteners or controls mounted on the inside of the front instrument panel...

making internal adjustments to automotive door hardware through access openings... these and many other difficult operations become easy when the "Big Twenty" is brought into use.

Generous size, amber plastic (UL) handle offers firm grip, simplifies turning.

CATALOG NO.	POINT SIZE	BLADE DIA.	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
X-2020	2	1/4"	20"	1 1/16" x 4 1/8"	24 1/8"



## PHILLIPS TYPE SCREWDRIVERS ...with "super-tru" tips



These precision-made screwdrivers feature bright, nickel chrome blades with tips that have been specially treated and black-oxide finished for the ultimate in dimensional control. The closer fit of "super-tru" tips greatly improves their wear life and substantially reduces the possibility of damage to screw head recesses, especially in the

small size fasteners. These advantages are of particular importance in critical applications and such taxing conditions as production assembly work where drivers are in constant service.

All "super-tru" tip, Phillips type screwdrivers have black plastic (UL) handles.

CATALOG NO.	POINT SIZE	BLADE DIA.	BLADE LENGTH	HANDLE DIMS.	OVERALL LENGTH
XST-100	0	1/8"	2"	3/4" x 2 5/8"	4 5/8"
XST-101	1	3/16"	3"	7/8" x 3 5/8"	6 3/8"
XST-102	2	1/4"	4"	1 1/8" x 4 1/8"	8 1/8"
XST-1010	1	3/16"	10"	7/8" x 3 5/8"	13 3/8"
XST-1020	2	1/4"	10"	1 1/8" x 4 1/8"	14 1/8"

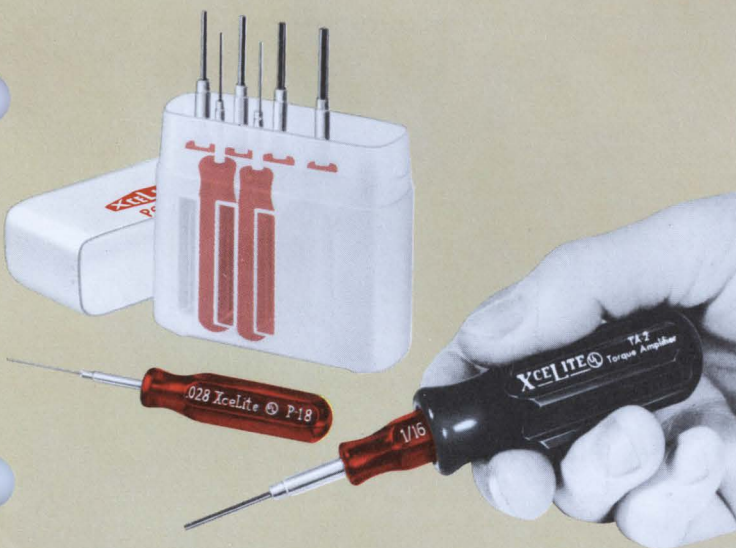
## COMPACT CONVERTIBLE SCREWDRIVER SET No. PS-89 for Hex Type Socket Screws

This versatile set contains 8 midget Allen hex type screwdrivers in sizes from .028" to 1/8" as listed in the Selector Chart below. These handy tools offer greater speed and ease in turning (particularly in close quarters) than conventional keys. They are especially recommended for such delicate, precision work as the assembly and servicing of instruments and controls. Handles of the midget drivers are of red plastic, clearly marked with Catalog Number and hex size.

The unique "piggyback" torque amplifier handle included in the set

can be slipped over the top of the midget tool handles to provide a larger gripping surface, extended reach, and increased driving power. This makes the PS-89 a dual purpose set that does more jobs with less equipment, saves bench space, lightens the service kit.

Tools are enclosed in a sturdy, see-through plastic case for protection and easy identification. Case is hip-pocket size, has a broad flat base which permits its use as a bench stand. All tools are also available individually.



### SELECTOR CHART

MIDGET HEX SCREWDRIVERS			Set Screw Nos.	Socket Head Cap Screw Nos. (1936 Series)	Socket Head Cap Screw Nos. (1960 Series)	Flat Head Cap Screw Nos.	Button Head Cap Screw Nos.
Catalog Number	Hex Size (width across flats)	Overall Length					
P-18	.028"	4"	0	—	—	—	—
P-19	.035"	4"	1, 2	—	—	0	0
P-20	.050"	4"	3, 4	0, 1	0	1, 2	1, 2
P-21	1/16"	4"	5, 6	2	1	3, 4	3, 4
P-22	5/64"	4"	8	3, 4	2, 3	5, 6	6
P-23	3/32"	4"	10	5, 6	4, 5	8	8
P-764	7/64"	4"	—	—	6	—	—
P-24	1/8"	4"	1/4	8	—	10	10

TORQUE AMPLIFIER HANDLE (Black) Catalog Number TA-2 Size 1" x 3 1/8"

## Interchangeable, hollow shaft NUTDRIVER SET No. HSC-1 ...with thru-drilled handle

An Xcelite exclusive, the HSC-1 is an extremely compact and versatile nutdriver set for production, maintenance, and service. Its eight interchangeable shafts include the most popular nutdriver sizes. Being hollow, they permit installation or removal of nuts over protruding bolts. Finished in bright nickel chrome, the shafts have precision, cold drawn, case-hardened sockets.

A unique feature of this set is the drilled handle which makes it possible to pass a screwdriver blade completely through the center of the handle and hollow nutdriver shaft. This speeds and simplifies work where combination locknut and slotted screw adjustments are required, as on rheostats and similar controls found in a wide variety of electrical and electronic products including recorders, business machines, and data processing equipment.

Handle is amber (UL) plastic and contains a patented spring lock. Blades snap in and out easily, yet are held firmly in alignment for driving.

The HSC-1 set is furnished in a sturdy, pocket-size, see-thru, plastic carrying case which can be used also as a bench stand.

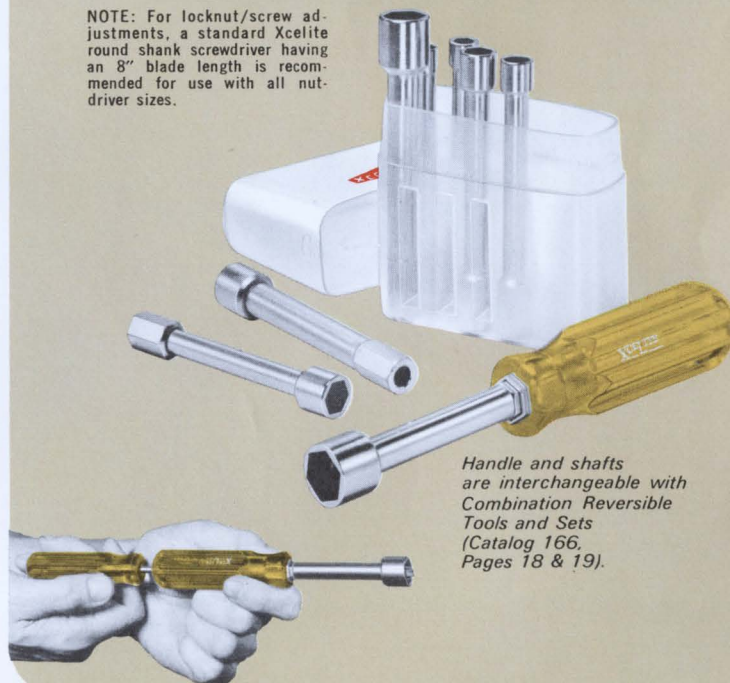
### ITEM SPECIFICATIONS SHAFTS

NUMBER	HEX OPENING (width across flats)	OVERALL LENGTH (incl. handle)	MAX. SCREW-DRIVER BLADE DIAMETER ACCOMMODATED
C-5	3/16"	7"	1/8"
C-8	1/4"	7"	3/32"
C-10	3/16"	7 1/4"	5/32"
C-11	11/32"	7 1/4"	5/32"
C-12	3/8"	7 1/4"	5/32"
C-14	7/16"	7 1/2"	3/16"
C-16	1/2"	7 1/2"	3/16"
C-18	9/16"	7 1/2"	3/16"

### HANDLE

NUMBER	COLOR	DIMENSIONS
C-25	Amber	1 1/8" x 4 1/8"

NOTE: For locknut/screw adjustments, a standard Xcelite round shank screwdriver having an 8" blade length is recommended for use with all nutdriver sizes.



Handle and shafts are interchangeable with Combination Reversible Tools and Sets (Catalog 166, Pages 18 & 19).



**XCELITE INCORPORATED • Orchard Park, N. Y. 14127, U. S. A.**

